

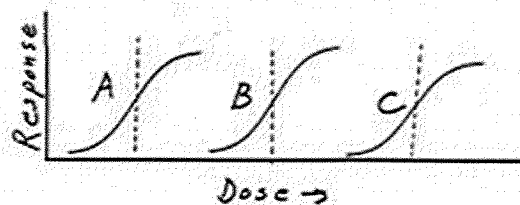
Figure 3.1. A diagrammatic representation of the paradigm for predictive ecological risk assessment. The solid arrows represent the sequential flow of the procedure. The dashed arrows represent feedback, policies, and other constraints on one assessment process by other processes.

From – Ecological Risk Assessment by Glenn W. Suter II, 1993, Lewis Publishers, Chelsea MI

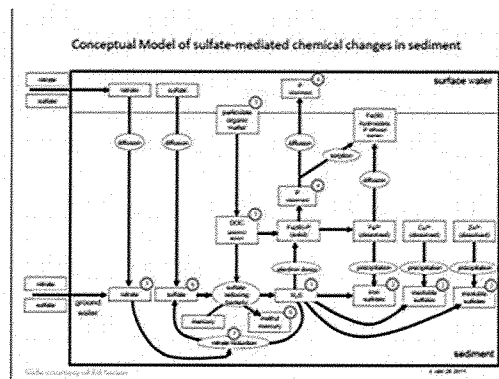
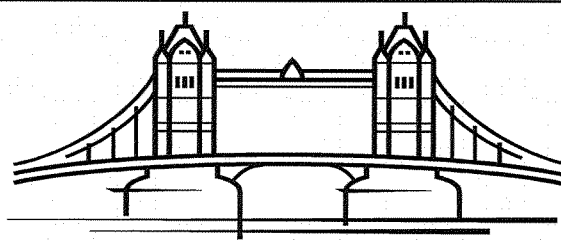
Bold font and dark blue shading indicates strong scientific integrity of a study and its highly valuable contribution to the process.

Exposure Assessment Gap *not bridged (yet)*

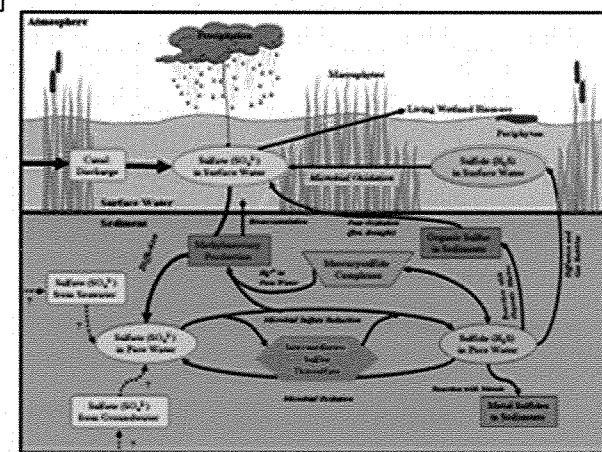
EXPOSURE ASSESSMENT



Sulfate Hydroponic x2
Sulfide Hydroponic
Container Study

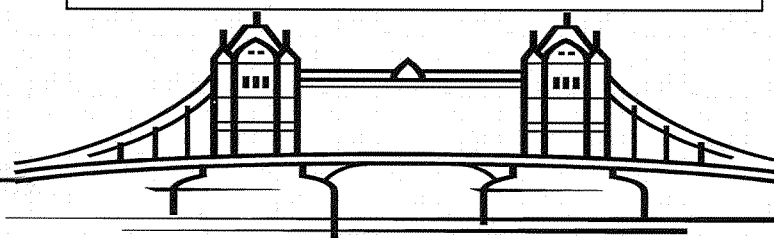
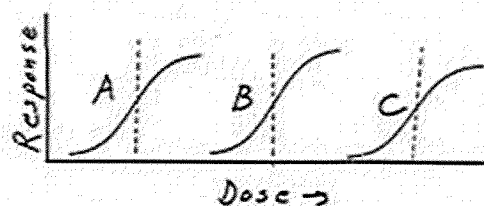


Rooting-zone geochemistry
Temperature-dependent diffusion.



Exposure Assessment Gap *bridged*

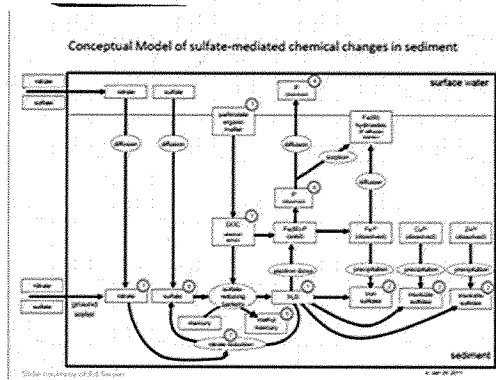
EXPOSURE ASSESSMENT



Sulfate Hydroponic x2
Sulfide Hydroponic
Container Study



Second
Sulfide Hydroponic
w/stable exposures

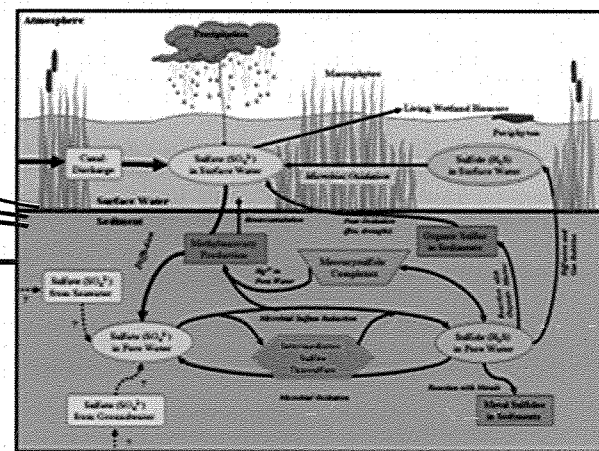


Rooting-zone geochemistry
Temperature-dependent diffusion.



Sulfate/Sulfide Kinetics Study
under various representative conditions

See Bo Barker Jorgensen 1990 & 91



Field Survey

Needed for Risk Characterization *the next step*

